

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A switchgear assembly module (4) for controlling and monitoring at least one electrical load in the outgoer of a low-voltage switchgear assembly, having at least one communication interface for connection to a bus system, having a programmable controller and having configurable protective functions, ~~characterized in that~~ wherein

the switchgear assembly module (4) is formed from interchangeable components and has at least one central unit (2) as well as at least one bus connection unit (6) with a communication interface,

- additional connection slots are provided for holding at least one power unit (4) and at least one input/output unit (7), and ~~in that~~

an internal bus is provided for communication from the central unit (2) with the other components which are located in the switchgear assembly module (4).

2. (Currently Amended) The switchgear assembly module (4) as claimed in claim 1, ~~characterized in that~~ wherein the central unit (2) has a programmable control and configurable protective functions, and ~~in that~~ wherein an external interface (2a) is provided for connection of a control/configuration unit (5) or of a programmer.

3. (Currently Amended) The switchgear assembly module (1) as claimed in claim 2, ~~characterized in that~~ wherein the external interface (2a) is an electrical, optical or wire-free interface.

4. (Currently Amended) The switchgear assembly module (1) as claimed in ~~one of the preceding claims~~ claim 1, characterized in that an input/output unit (7) has binary inputs, binary outputs, analogue inputs, analogue outputs or a combination thereof.

5. (Currently Amended) The switchgear assembly module (1) as claimed in ~~one of the preceding claims~~ claim 1, ~~characterized in that~~ wherein the at least one bus connection unit (6) together with one or more further bus connection units (6) that are provided and/or one or more input/output units (7) that are provided forms an interface unit (3)

6. (Currently Amended) The switchgear assembly module (1) as claimed in ~~one of the preceding claims~~ claim 1, ~~characterized in that~~ wherein a power unit (4) has an outgoer section , a feed section (4b), a measurement device (4c) and a processing unit (4d).

7. (Currently Amended) The switchgear assembly module (1) as claimed in claim 6, ~~characterized in that~~ wherein a power unit (4) additionally has a main switching device and/or a switch disconnector.

8. (Currently Amended) The switchgear assembly module (1) as claimed in claim 6, ~~characterized in that~~ wherein the measurement device (4e) has one or more sensors for current measurement, and/or for voltage measurement and/or for temperature measurement.

9. (Currently Amended) The switchgear assembly module (1) as claimed in claim 8, ~~characterized in that~~ wherein the measurement device (4e) has further sensors for measurement of further environmental variables.

10. (Currently Amended) The switchgear assembly module (1) as claimed in ~~one of claims 7, 8 or 9,~~ claim 7, wherein the processing unit (4d) is an electronic circuit and has inputs for reading the values measured by the measurement device (4e) , and/or inputs for reading a position message from the main switching device and/or from the switch disconnecter and/or other status messages and/or outputs for driving the main switching device and/or the switch disconnecter and/or other appliances.

11. (Currently Amended) The switchgear assembly module (1) as claimed in claim 10, ~~characterized in that~~ wherein the processing unit (4d) has means in order to use the currents and voltages read by the measurement Device (4e) to calculate the real power supplied to the load, the wattless component supplied to the load, the volt-amperes supplied to the load, the power factor and the mains frequency.

12. (Currently Amended) The switchgear assembly module (4) as claimed in ~~one of claims 2 or 3~~ claim 2, characterized in that wherein the control/configuration unit (5) has a first interface (Sb) for connection to the external interface (2a) of the central unit (2), as well as visual indications and/or switches and/or keys.

13 (Currently Amended) The switchgear assembly module (4) as claimed in claim 12, ~~characterized in that~~ wherein the first interface (Sb) is an electrical, optical or wire-free interface.

14. (Currently Amended) The switchgear assembly module (4) as claimed in ~~one of claims 12 or 13~~ claim 12, characterized in that wherein the control/configuration unit (5) has a second interface (Sa) for connection of a programmer.

15. (Currently Amended) The switchgear assembly module (4) as claimed in claim 14, ~~characterized in that~~ wherein the second interface (Sa) is an electrical, optical or wire-free interface.

16. (Currently Amended) The switchgear assembly module (4) as claimed in ~~one of claims 2, 3, 14 or 15~~ claim 2, characterized in that wherein a standard PC with an appropriate programming interface, or a standard PDA with an appropriate programming interface is provided as the programmer.

17. (Currently Amended) The switchgear assembly module (4) as claimed in ~~one of claims 2, 3, 14, 15 or 16~~ claim 2, ~~characterized in that~~ wherein the central unit (2) has an integrated web server, which allows programming of the programmable controller and/or configuration of the protective functions, and/or control of the switchgear assembly module with the aid of a standard web browser installed in the programmer.